**Big Ten Words**

**Respiratory System and Circulatory System**

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| 1.  Cellular Respiration | The process by which glucose combines with oxygen to produce energy, carbon dioxide, and water. |
| 2.  Glucose | A sugar in its simplest form so that it can be used at the cellular level (for cellular respiration). |
| 3.  Oxygen | An element that is transferred in the alveoli that combines with a fuel source so that cellular respiration can occur . |
| 4.  Carbon Dioxide | A compound that is transferred in the alveoli and is a waste product of cellular respiration (exhaled from the lungs). |
| 5.  Red Blood Cells | Cells that transport oxygen in the circulatory system. |
| 6.  White Blood Cells | Cells in the circulatory system that are part of the immune system since they fight against invaders . |
| 7.  Systemic Circulation | The blood vessels that carry blood from the heart to the body and back to the heart. |
| 8.  Pulmonary Circulation | The vessels that transport blood from the heart to the lungs and back to the heart. |
| 9.  Alveoli | Tiny sacs in the lungs through which the exchange of oxygen and carbon dioxide takes place. |
| 10.  Platelets | Cells in the circulatory system that patch holes in blood vessels by clotting blood and forming a scab. |